

## 69. Bridge Projects

### PROJECT DESCRIPTION AND JUSTIFICATION:

*Funding is requested for bridges that are identified for replacement or rehabilitation including structurally deficient bridges. As individual bridge projects are identified, they are listed as separate projects.*

The bridge priority rating system is based on deficiency ratings, which are updated annually to target specific bridges for repair/rehabilitation/construction.

#### FY 2004 Requested Totals

Bridge Projects to be Identified	\$2,478,500
BR 1-001 on Rising Sun Road over Brandywine Creek	\$ 0
BR 1-001B on Kennett Pike on Railroad	\$ 0
BR 1-068 and BR 1-002 on Rockland Road over Brandywine Creek	\$1,007,400
BR 1-155 on Old Capital Trail and BR 1-193 on Newport Road	\$ 806,400
BR 1-160 on Maryland Avenue over Little Mill Creek	\$ 982,500
BR 1-299 on SR 71 over Red Lion Creek	\$ 305,000
BR 1-307 on SR 9 over Getty Pipe & BR 1-311 on SR 72 over Dragon Run	\$1,000,000
BR 1-346 on Old Cooch's Bridge Road	\$ 498,300
BR 1-390 on SR 9, South of Port Penn	\$ 536,000
BR 1-506 on Chesapeake City Road (N399) over SR896, Summit	\$ 691,000
BR 1-688 on South Market Street over Christina River	\$8,400,000
BR 1-708 and 1-709 on I-95 over SR 72 and BR1-711 at I-95/SR273 Interchange	\$ 0
BR 1-715, 715A, and 715D, I-95/SR273 Interchange, near Christiana	\$8,580,000
BR 1-746 on I-95 over Little Mill Creek, near Wilmington	\$ 0
BR 1-806, 1-807, 1-808 on I-495 over US 13	\$ 0
BR 1-820N and S, BR 1-821N and S, and BR 1-822N and S on I-495	\$ 0
BR 2-010A on SR 6 over Duck Creek, Woodland Beach	\$ 815,000
Tyler McConnell Bridge	\$2,000,000

### FACILITY DATA: N/A

### POSITION REQUEST:

No new positions specific to this project are being requested.

### CAPITAL REQUEST:

State Funds			Capital Funds From Other Sources		
Authorized and Requested			Federal	Other	
Prior Years	\$	0	\$	0	\$ 0
FY 2002		3,442,000		21,043,000	0
FY 2003		4,780,700		6,196,000	0
FY 2004		8,420,100		19,680,000	0
FY 2005		8,084,700		32,338,700	0
FY 2006		3,786,700		15,146,700	0
<b>TOTAL</b>	<b>\$</b>	<b>28,514,200</b>	<b>\$</b>	<b>94,404,400</b>	<b>\$ 0</b>

**COST BREAKDOWN:**

	<b>Total Previous Funding</b>	<b>FY 2004</b>	<b>FY 2005</b>	<b>FY 2006</b>
<b>Construction Expenses:</b>				
Architect/Engineering	\$ 0	\$ 2,000,000	\$ 0	\$ 0
Construction Costs	35,321,100	26,100,100	40,423,400	18,933,400
<b>Non-Construction Expenses:</b>	0	0	0	0
Land Acquisition	140,600	0	0	0
<b>TOTAL</b>	<b>\$ 35,461,700</b>	<b>\$ 28,100,100</b>	<b>\$ 40,423,400</b>	<b>\$ 18,933,400</b>

**OPERATING COSTS – COMPLETED FACILITY: N/A****70. SR 1, Bridge over Indian River Inlet****PROJECT DESCRIPTION AND JUSTIFICATION:**

*Funding is requested, as the existing bridge requires constant and expensive maintenance to address serious erosion around the foundation of the piers. A design consultant is being selected for this improvement. Additional funding is needed in FY 2004 to finalize design begin construction of a replacement bridge. A design selection committee consisting of DelDOT, Legislative members, and public constituents will begin a selection process in November 2002. This replacement will likely be a suspension bridge design.*

The swift current of the Indian River Inlet necessitates the constant need to replace the riprap placed adjacent to the piers for scour protection.

**FACILITY DATA: N/A****POSITION REQUEST:**

No new positions specific to this project are being requested.

**CAPITAL REQUEST:**

<b>State Funds</b>		<b>Capital Funds From Other Sources</b>		
Authorized and Requested		Federal	Other	
Prior Years	\$ 0	\$ 0	\$ 0	0
FY 2002	\$ 79,500	\$ 0	\$ 0	0
FY 2003	2,000,000	0		0
FY 2004	57,000,000	0		0
FY 2005	0	0		0
FY 2006	0	0		0
<b>TOTAL</b>	<b>\$ 59,079,500</b>	<b>\$ 0</b>	<b>\$ 0</b>	<b>0</b>

**COST BREAKDOWN:**

	<b>Total Previous Funding</b>	<b>FY 2004</b>	<b>FY 2005</b>	<b>FY 2006</b>
<b>Construction Expenses:</b>				
Construction Costs	\$ 2,079,500	\$ 57,000,000	\$ 0	\$ 0
<b>TOTAL</b>	<b>\$ 2,079,500</b>	<b>\$ 57,000,000</b>	<b>\$ 0</b>	<b>\$ 0</b>

**OPERATING COSTS – COMPLETED FACILITY: N/A****71. Camden Wyoming Avenue and Southern Boulevard, Wyoming****PROJECT DESCRIPTION AND JUSTIFICATION:**

*Funding is requested to identify candidate crossings for closure to enhance safety of the motoring public based on a February 2002 meeting of representatives from Norfolk Southern, DelDOT and Delaware Transit Corporation (DTC) and the Wyoming Town Council. Upon closing of two railroad crossings in town, Third Street and Broad Street, Norfolk Southern will upgrade the remaining grade crossing warning devices to enhance safety and convenience of motorists. After completion of these crossings, any additional improvements that may be needed including intersections improvements, sidewalk improvements, and creating park areas/open space where the crossings are closed will be reviewed. This project was previously referred to as: Camden/Wyoming – West Railroad Avenue to Front Street.*

This project reduces the potential for rail/motor vehicle collisions and improves safety at the rail crossings.

**FACILITY DATA: N/A****POSITION REQUEST:**

No new positions specific to this project are being requested.

**CAPITAL REQUEST:**

<b>State Funds</b>			<b>Capital Funds From Other Sources</b>		
Authorized and Requested			Federal	Other	
Prior Years	\$	0	\$	0	0
FY 2002		0		0	0
FY 2003		50,000		0	0
FY 2004		672,000		0	0
FY 2005		0		0	0
FY 2006		0		0	0
<b>TOTAL</b>	<b>\$</b>	<b>722,000</b>	<b>\$</b>	<b>0</b>	<b>0</b>

**COST BREAKDOWN:**

	Total Previous Funding		FY 2004		FY 2005		FY 2006
<b>Construction Expenses:</b>							
Architect/Engineering	\$ 50,000	\$	0	\$	0	\$	0
Construction Costs	0		672,000		0		0
<b>TOTAL</b>	<b>\$ 50,000</b>	<b>\$</b>	<b>672,000</b>	<b>\$</b>	<b>0</b>	<b>\$</b>	<b>0</b>

**OPERATING COSTS – COMPLETED FACILITY:** N/A

## 72. Environmental Improvements

**PROJECT DESCRIPTION AND JUSTIFICATION:**

*Funding is requested for wetland mitigation monitoring requirements, which typically include 20-year site management/assessment to assure successful creation of wetland resources developed as impact compensation for various capital projects. Monitoring typically requires monthly hydraulic data collection, fall site sampling for vegetation assessment, and annual reports for five years and then summary reports at the 10, 15, and 20-year marks.*

DelDOT must comply with environmental and cultural laws and regulations as projects are implemented.

**FACILITY DATA:** N/A

**POSITION REQUEST:**

No new positions specific to this project are being requested.

**CAPITAL REQUEST:**

State Funds			Capital Funds From Other Sources		
Authorized and Requested			Federal		Other
Prior Years	\$ 1,550,000	\$	0	\$	0
FY 2002	1,410,000		0		0
FY 2003	1,710,000		0		0
FY 2004	1,710,000		0		0
FY 2005	1,433,300		0		0
FY 2006	1,350,000		0		0
<b>TOTAL</b>	<b>\$ 9,163,300</b>	<b>\$</b>	<b>0</b>	<b>\$</b>	<b>0</b>

**COST BREAKDOWN:**

	Total Previous Funding		FY 2004		FY 2005		FY 2006
<b>Construction Expenses:</b>							
Site Development Costs	\$ 4,670,000	\$	1,710,000	\$	1,433,300	\$	1,350,000
<b>TOTAL</b>	<b>\$ 4,670,000</b>	<b>\$</b>	<b>1,710,000</b>	<b>\$</b>	<b>1,433,300</b>	<b>\$</b>	<b>1,350,000</b>

**OPERATING COSTS – COMPLETED FACILITY: N/A**